Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101235.D
Acq On : 8 Dec 2017 14:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 08 18:21:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45678	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	183374	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	89441	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	180418	20.00	ng		0.00
75) Chrysene-d12	14.00	240	150246	20.00	ng		0.00
86) Perylene-d12	15.47	264	127887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	214449	77.58	ng		0.00
7) Phenol-d6	6.46	99	267000	79.56	ng		0.00
23) Nitrobenzene-d5	7.40	82	243068	79.07	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	82512	76.80	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	527767	80.73	ng		0.00
78) Terphenyl-d14	12.94	244	561113	81.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	42493	37.175	ng		95
3) Pyridine	3.33	79	113728	38.380	ng		96
4) n-Nitrosodimethylamine	3.29	42	61793	42.696	ng	#	83
6) Aniline	6.49	93	174485	39.981	ng		100
8) 2-Chlorophenol	6.61	128	118731	39.393	ng		99
9) Benzaldehyde	6.38	77	74412	36.226	ng		97
10) Phenol	6.47	94	146718	39.316	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	107090	38.259	ng		96
12) 1,3-Dichlorobenzene	6.76	146	137518	39.184	ng		98
13) 1,4-Dichlorobenzene	6.84	146	140357	38.629	ng		98
14) 1,2-Dichlorobenzene	7.00	146	132738	39.166	ng		95
15) Benzyl Alcohol	6.97	79	104518	40.322	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	141756	37.257	ng		95
17) 2-Methylphenol	7.08	107	96281	39.561	ng		96
18) Hexachloroethane	7.33	117	46368	39.721	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	87838	38.863	ng		96
20) 3+4-Methylphenols	7.23	107	125842m	39.648	ng		
22) Acetophenone	7.24	105	174557	39.401	ng	#	90
24) Nitrobenzene	7.42	77	120448	39.979	ng		96
25) Isophorone	7.65	82	203553	38.766	ng		99
26) 2-Nitrophenol	7.73	139	65170	39.405	ng		93
27) 2,4-Dimethylphenol	7.76	122	96169	40.197	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	135923	38.516	ng		99
29) 2,4-Dichlorophenol	7.97	162	104113	39.979	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	113500	39.636	ng		95
31) Naphthalene	8.13	128	356518	39.448	ng		99
32) Benzoic acid	7.91	122	72606	39.019	ng		97
33) 4-Chloroaniline	8.18	127	145175	39.979	ng		99
34) Hexachlorobutadiene	8.24	225	70361	40.062	ng		96
35) Caprolactam	8.56	113	31059	38.270	ng		99
36) 4-Chloro-3-methylphenol	8.67	107	107343	39.792	ng		94
37) 2-Methylnaphthalene	8.82	142	239648	39.025	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	131584	40.497	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	33457	33.537	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	76136	39.973	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	81210	39.881	ng	#	95
45) 1,1'-Biphenyl	9.29	154	327526	39.969	ng		97
46) 2-Chloronaphthalene	9.32	162	235282	40.429	ng		95
47) 2-Nitroaniline	9.42	65	67346	39.113	ng		95
48) Acenaphthylene	9.73	152	374591	39.167	ng		99
49) Dimethylphthalate	9.59	163	279808	38.791	ng		100
50) 2,6-Dinitrotoluene	9.66	165	59863	39.403	ng		89
51) Acenaphthene	9.90	154	225894	39.445	ng		99
52) 3-Nitroaniline	9.83	138	66992	39.211	ng		97
53) 2,4-Dinitrophenol	9.95	184	26867	37.142	ng	#	12
54) Dibenzofuran	10.07	168	324884	39.366	ng		99
55) 4-Nitrophenol	9.99	139	42096	36.534	ng		98
56) 2,4-Dinitrotoluene	10.06	165	76707	37.674	ng		96
57) Fluorene	10.42	166	266800	39.768	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	61802	37.906	ng	#	88
59) Diethylphthalate	10.29	149	274444	38.574	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	132733	40.071	ng		93
61) 4-Nitroaniline	10.45	138	67523	38.073	ng		94
62) Azobenzene	10.57	77	228777	37.890	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	45407	37.523	ng		76
65) n-Nitrosodiphenylamine	10.53	169	251096	39.450	ng		95
66) 4-Bromophenyl-phenylether	10.90	248	78967	39.103	ng	#	81
67) Hexachlorobenzene	10.96	284	83530	38.593	ng	#	92
68) Atrazine	11.05	200	75757	38.801	ng		98
69) Pentachlorophenol	11.16	266	51383	43.177	ng		98
70) Phenanthrene	11.38	178	383110	38.560	ng		98
71) Anthracene	11.43	178	389789	38.763	ng		99
72) Carbazole	11.59	167	349037	37.990	ng		99
73) Di-n-butylphthalate	11.91	149	435295	37.800	ng		98
74) Fluoranthene	12.57	202	413483	37.544	ng		95
76) Benzidine	12.69	184	192632	39.427	ng		99
77) Pyrene	12.80	202	424255	40.922	ng		99
79) Butylbenzylphthalate	13.41	149	180411	39.469	ng		92
80) Benzo(a)anthracene	13.99	228	374313	39.458	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	130414	39.696	ng	#	97
82) Chrysene	14.03	228	346497	39.330	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	253451	38.889	ng		98
84) Di-n-octyl phthalate	14.57	149	411784	37.947	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	273604	34.932	ng	#	92
87) Benzo(b)fluoranthene	15.04	252	324021	42.300	ng		98
88) Benzo(k)fluoranthene	15.07	252	294179	38.980	ng	#	93
89) Benzo(a)pyrene	15.41	252	276977	39.773	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	232039	37.795	ng	#	95
91) Benzo(g,h,i)perylene	17.39	276	222431	38.444	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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